

## **PROJECT NARRATIVE**

### **Alltel -Verizon Wireless: Chaparral High School WCF Relocation**

**City of Scottsdale Case #: 890-PA-2005**

#### **Location of Site:**

**Chaparral High School**

**6935 E. Gold Dust Avenue**

**Scottsdale, Arizona 85253**

#### **Applicants:**

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#### **Architect:**

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## **Alltel -Verizon Wireless: Chaparral High School Facilities Relocation Request for Approval for Wireless Communication Facilities (WCF) Relocation**

### **Purpose of Request:**

Alltel Communications and Verizon Wireless are seeking approval for the relocation of their wireless communications facilities located at Chaparral High School (Chaparral). Scottsdale Unified School District is planning extensive remodeling and new construction at Chaparral, and the construction project is scheduled to commence on approximately June 1, 2006. Alltel Communications and Verizon Wireless each have existing wireless communications facilities at Chaparral, and these facilities must be relocated in order for Chaparral's project to proceed as currently planned. The new wireless facilities are proposed to be relocated at the southeasterly corner of Chaparral's football and sports complex.

**Alltel Communications and Verizon Wireless must commence construction of the new (relocated) wireless facilities by May 1, 2006, in order to accommodate Chaparral's current construction schedule.**

### **Description of the Relocated Wireless Communications Facility:**

The completed wireless communications facility will consist of an equipment compound measuring approximately 38 feet x 42 feet, enclosed by a CMU screen wall eight (8) feet in height. The screen wall's texture and colorization will be designed to match the future structures at Chaparral. Alltel and Verizon Wireless will install prefabricated equipment shelters to the new equipment compound as depicted on the enclosed site plan.

The antenna arrays are proposed to be mounted on a replacement field light pole. The top of the existing field light pole is approximately 82 feet and the replacement field light will be identical in height. The field lights will be replaced at the same height as the originally situated. Panel antennas are proposed to be installed as follows:

1. Alltel's antenna array will consist of six (6) panel antennas at a 62 foot centerline, with each panel antenna measuring approximately eight (8) feet in length.
2. Verizon Wireless' antenna array will consist of six (6) panel antennas at a 70 foot centerline, with each panel antenna measuring approximately eight (8) feet in length.
3. The panel antennas will be mounted on the replacement field light in a manner such that the antennas will not extend more than twenty-four (24) inches from the pole.

### **Considerations for Locating New Equipment Compound:**

Alltel Communications and Verizon Wireless have worked closely with the staff of Chaparral High School and Scottsdale Unified School District. The proposed location was selected after careful consideration based upon the following considerations:

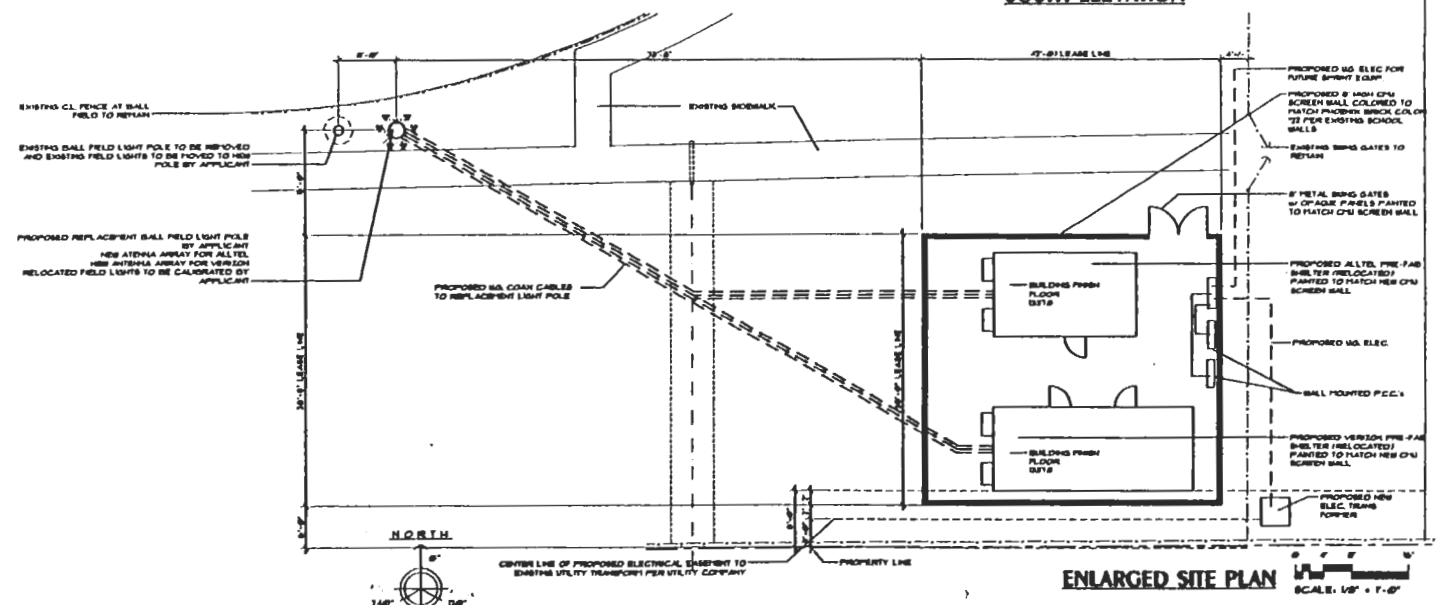
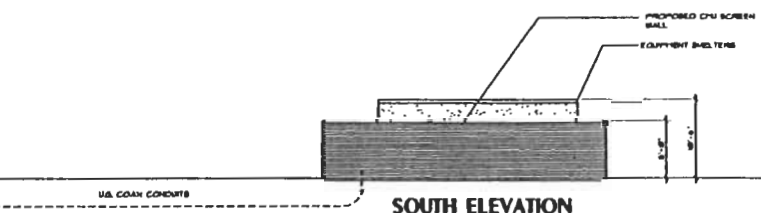
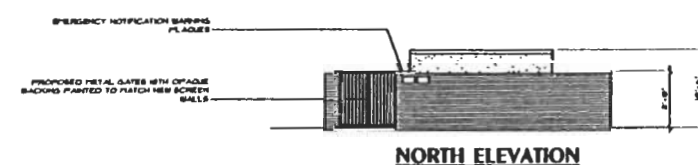
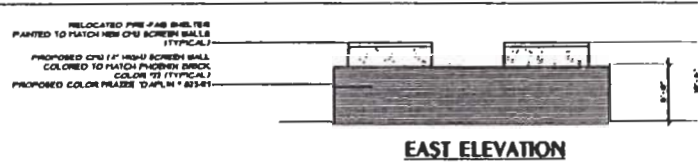
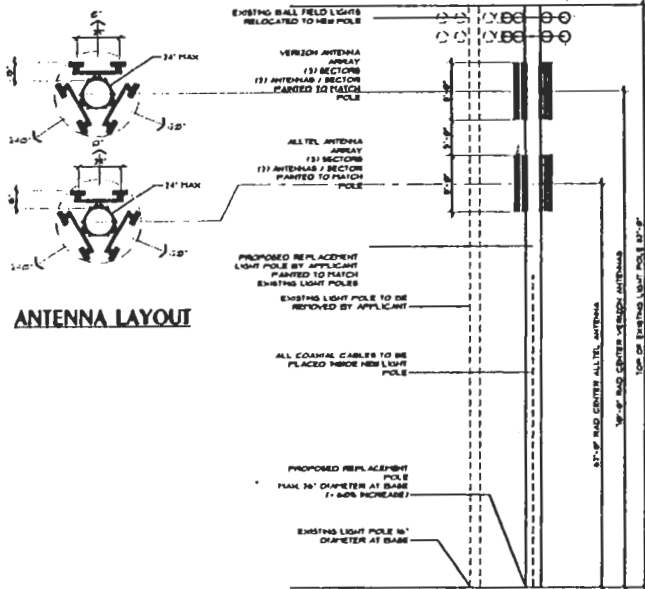
1. The relocated facility must not interfere with the proposed renovation of the school, as well as future expansion plans.
2. The relocated facility must not create any new verticality.
3. The relocated facility must not significantly impact surrounding residences.

**Justification for Approval:**

The proposed wireless facility will meet the City of Scottsdale's facility design guidelines in the following manner:

- a. The proposed wireless facility will replace an existing light pole substantially similar to the existing field light pole and other light poles at Chaparral High School. The diameter of the replacement field light will not exceed the diameter of the existing light pole by more than 60%. The existing field light is approximately sixteen (16) inches in diameter, and the replacement field light will be approximately twenty-five and one half (25.5) inches in diameter. The overall height of the replacement light pole will be identical to the existing light pole, and the existing lighting array will be reinstalled at the same height without change to its current configuration.
- b. The equipment compound will be surrounded with a masonry screen wall designed to integrate into the architecture, texture and colorization of the proposed and existing buildings at Chaparral. The color of the CMU at Chaparral is "Phoenix Brick #22", and the proposed CMU paint color for the masonry walls surrounding the equipment shelters is proposed to be Frazee Paint #8234M (Daplin). The texture and color of the equipment shelters will match the masonry walls.
- c. The proposed facility will have no adverse impact on adjacent properties. The facility is unmanned, and except for routine maintenance (average of once monthly), and emergencies, will produce no significant pedestrian or vehicular traffic. The proposed wireless communications facility will not contribute in a measurable way to the deterioration of the area or contribute to the lowering of property values.
- d. The use will be in compliance with all provisions of the City of Scottsdale's Zoning Ordinance and Amended Wireless Ordinance, and the laws of Maricopa County, the State of Arizona, and the United States of America.





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**verizon wireless**

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INTERNAL REVISIONS		
REVISION	DATE	BY
1. SITE ACQUISITION		
2. CONSTRUCTION		
3. DESIGN		
4. ALTEL		
5. OWNER		
6. ARCH. ENGINEER		
7. ELEC. ENGINEER		

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OWNER PROJECT: \_\_\_\_\_

SITE NAME: \_\_\_\_\_

CHAPARRAL H.S. RELOCATE PROJECT

STREET ADDRESS: \_\_\_\_\_

CHAPARRAL H.S. 6935 E. GOLD DUST SCOTTSDALE, AZ 85253

**young design corp.**

architects / project management  
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e mail: corporate@ydc.com

DRAWING DATE: 01/20/04

REVISIONS

NO.	DATE	DESCRIPTION

ARCHITECTS JOB NO.: YDC-774

SHEET TITLE

ENLARGED SITE PLAN ELEVATIONS

SHEET NUMBER

DRB-A2

CASE NUMBER 880-PA-05

19-DR-2006  
2/6/2006